

FORM PTO/SB/08A/B (10-01)  
Substitute for PTO-1449A/B

**INFORMATION DISCLOSURE**

**STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Attorney Docket Number**

51257/A23

**Application Number**

10/779,526

**Filing Date**

February 13, 2004

**Applicant(s)**

Keith L. Truog, et al.

**Group Art Unit**

1772

**Examiner Name**

Nasser Ahmad

**U.S. PATENT DOCUMENTS**

EXAMINER INITIALS	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - Kind Code <sup>2</sup> (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
NA		2002/0197398 A1	12-26-2002	Scholz et al.
		2003/0134114 A1	07-17-2003	Pallotta et al.
		2004/0076788 A1	04-22-2004	Steinhardt et al.
		2004/0159969 A1	08-19-2004	Truog et al.
		2004/0161564 A1	08-19-2004	Truog
		2004/0161566 A1	08-19-2004	Truog et al.
		2004/0161567 A1	08-19-2004	Truog et al.
		2004/0200564 A1	10-14-2004	Kinsey et al.
		2004/0247837 A1	12-09-2004	Enlow et al.
		2005/0003129 A1	01-06-2005	Truog et al.
		2,746,893	05-22-1956	Matthes
		3,152,030	10-06-1964	Sampson
		3,301,741	01-31-1967	Henrickson et al.
		3,314,838	04-18-1967	Erwin
		3,331,729	07-18-1967	Danielson et al.
		3,640,791	02-08-1972	Rosenheim
		3,666,516	05-30-1972	Dunning
		3,671,236	06-20-1972	Van Beusekom
		4,037,008	07-19-1977	Tugwell
		4,054,697	10-18-1977	Reed et al.
		4,151,319	04-24-1979	Sackoff et al.
		4,248,762	02-03-1981	Hornibrook et al.
		4,369,157	01-18-1983	Conner
NA		4,376,151	03-08-1983	Parrotta

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	<b>Examiner Name</b>	Nasser Ahmad

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NA		4,451,522	05-29-1984	de Vroom
		4,499,130	02-12-1985	Questel et al.
		4,556,595	12-03-1985	Ochi
		4,598,020	07-01-1986	Panush
		4,661,182	04-28-1987	Lerner
		4,737,225	04-12-1988	Waugh et al.
		4,783,354	11-08-1988	Fagan
		4,818,589	04-04-1989	Johnson et al.
		4,919,994	04-24-1990	Incremona et al.
		5,073,457	12-17-1991	Blackwell
		5,084,317	01-28-1992	Epple
		5,135,798	08-04-1992	Muschter et al.
		5,141,790	08-1992	Calhoun et al.
		5,183,696	02-02-1993	Sanderson
		5,192,612	03-09-1993	Otter et al.
		5,196,246	03-23-1993	Kauss et al.
		5,203,941	04-20-1993	Spain et al.
		5,215,826	06-01-1993	Shimanski et al.
		5,229,207	07-20-1993	Paquette et al.
		5,250,336	10-05-1993	Greuse et al.
		5,316,843	05-31-1994	Kiryu et al.
		5,342,666	08-30-1994	Ellison et al.
NA		5,346,766	09-13-1994	Otter et al.
		5,413,829	05-09-1995	Brown et al.

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NA		5,441,784	08-15-1995	Smith
		5,460,855	10-24-1995	Andersson
		5,468,532	11-21-1995	Ho et al.
		5,476,901	12-19-1995	Smith et al.
		5,487,929	01-30-1996	Rusincovitch, Jr. et al.
		5,489,359	02-06-1996	Yamane
		5,490,893	02-13-1996	Enlow et al.
		5,506,031	05-09-1996	Spain et al.
		5,518,786	05-21-1996	Johnson et al.
		5,591,290	01-07-1997	Walter et al.
		5,639,539	06-17-1997	DeProspero et al.
		5,641,835	06-24-1997	Smith et al.
		5,662,977	09-02-1997	Spain et al.
		5,676,787	10-14-1997	Rusincovitch et al.
		5,707,482	01-13-1998	Fusselman
		5,707,697	01-13-1998	Spain et al.
		5,725,712	03-10-1998	Spain et al.
		5,728,469	03-17-1998	Mann et al.
		5,750,234	05-12-1998	Johnson et al.
		5,785,790	07-28-1998	Olsen et al.
		5,795,636	08-18-1998	Keller et al.
		5,814,402	09-29-1998	Smith
V		5,866,220	02-02-1999	Rusincovitch et al.
NA		5,904,968	05-18-1999	Langan

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NA		5,916,643	06-29-1999	Spain et al.
		5,939,479	08-17-1999	Reaves et al.
		5,985,079	11-16-1999	Ellison
		5,989,707	11-23-1999	Takizawa et al.
		6,020,062	02-01-2000	Questel et al.
		6,042,678	03-00-2000	Johnson
		6,083,616	07-04-2000	Dressler
		6,086,995	07-11-2000	Smith
		6,096,396	08-01-2000	Patton et al.
		6,129,965	10-10-2000	Langan
		6,153,283	11-28-2000	Pierson et al.
		6,193,918	02-27-2001	McGur et al.
		6,194,064 B1	02-27-2001	Keely et al.
		6,214,453 B1	04-10-2001	Kano
		6,221,485 B1	04-24-2001	Sanchez et al.
		6,235,363 B1	05-22-2001	Bilodeau
		6,296,732 B1	10-02-2001	Enlow et al.
		6,312,777 B1	11-06-2001	Smith
		6,336,988 B1	01-08-2002	Enlow et al.
		6,399,193 B1	06-04-2002	Ellison
		6,349,754	02-00-2002	Johnson
		6,475,616 B1	11-05-2002	Dietz et al.
		6,541,109 B1	04-01-2003	Kumar et al.
NA		6,576,327	06-10-2003	Weissmann et al.

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NA		6,613,411 B1	09-02-2003	Kollaja et al.
↓		6,630,049	10-07-2003	Hannington et al.
		6,649,003 B1	11-18-2003	Spain et al.
		6,703,089 B2	03-09-2004	DeProspero
		6,866,383 B2	03-15-2005	Naik et al.
NA		6,875,800 B2	04-05-2005	Vanier et al.

FOREIGN PATENT DOCUMENTS					
EXAMINER INITIALS	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup> (✓)
NA		DE 2 254 430	03-09-1974	Herzog	
↓		DE 35 43 777 A1	06-19-1987	Hammel	
		DE 197 35 958 A1	02-25-1999	Reck et al.	
		DE 198 37 774 A1	02-24-2000	Sturn	
		EP 0 569 921 A1	11-18-1993	Smith	
		EP 0 569 921 B1	11-18-1993	Smith	
		EP 0 623 477 A2	11-09-1994	Chang et al.	
		EP 0 993 876 A1	04-19-2000	Thomas et al.	Abstract
		EP 1 055 514 B1	11-29-2000	Bellini	
		EP 1 053 793 A1	11-22-2000	Martens	Abstract
		EP 1 053 793 B1	11-22-2000	Martens	Claims
		EP 1 018 533 B1	12-07-2000	Farkas et al.	
NA		EP 1 226 958 A1	07-31-2002	Bunschi	Abstract
		EP 0 752 498 B1	06-18-2003	Rusincovitch et al.	

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NA		GB 1 232 971	05-26-1971	Matthews et al.	
		JP 10 278187	10-20-1998	Kuroda	Abstract
		JP 80 34959	02-06-1996	Nakanishi	Abstract
		WO 94/09983 A1	05-11-1994	Johnson et al.	
		WO 94/03337 A2	02-17-1994	Duhme et al.	
		WO 95/17312 A1	06-29-1995	Williams et al.	
		WO 99/19149 A1	04-22-1999	Weissmann et al.	Abstract
		WO 99/37479 A1	07-29-1999	Patton et al.	
		WO 00/01527 A1	01-13-2000	Wood et al.	
		WO 01/79372 A2	10-25-2001	Li et al.	
		WO 01/79372 A3	10-25-2001	Li et al.	
		WO 03/053719 A2	07-03-2003	Kinsey et al.	
		WO 03/053719 A3	07-03-2003	Kinsey et al.	
		WO 03/062341 A2	07-31-2003	Palotta et al.	
		WO 03/062341 A3	07-31-2003	Palotta et al.	
NA		WO 03/095238 A1	11-20-2003	Steinhardt et al.	

OTHER DOCUMENTS		
EXAMINER INITIALS	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
NA		International Search Report and the Written Opinion of the International Searching Authority for International Application No. PCT/US2004/004386, completed 13 July 2004, mailed 21 July 2004.
NA		International Preliminary Report on Patentability for International Application No. PCT/US2004/004386, issued 19 August 2005, mailed 01 September 2005.
NA		European Patent Office, Patent Abstracts of Japan, Vol. 1996, No. 06, 28 June 1996, Publication No. JP 08 034959 A, Published 06 February 1996

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NA		International Search Report, Application No. PCT/US02/40946, completed 17 April 2003, mailed 25 August 2003.
		International Search Report, Application No. PCT/US02/40945, completed 17 April 2003, mailed 25 August 2003.
		International Search Report, Application No. PCT/US03/15043, completed 08 October 2003, mailed 20 January 2004.
		International Search Report and the Written Opinion of the International Searching Authority, Application PCT/US2004/004396, completed 27 August 2004, mailed 07 September 2004.
		International Preliminary Report on Patentability, Application PCT/US2004/004396, issued 19 August 2005, mailed 01 September 2005.
		International Search Report and the Written Opinion of the International Searching Authority, Application PCT/US2004/004398, completed 25 August 2004, mailed 22 November 2004.
		International Preliminary Report on Patentability, Application PCT/US2004/004398, mailed 12 May 2005.
↓		International Search Report and the Written Opinion of the International Searching Authority, Application PCT/US2004/004397, completed 19 August 2004, mailed 10 September 2004.
NA		International Preliminary Report on Patentability, Application PCT/US2004/004397, mailed 08 March 2005.

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